

DEPARTMENT OF PERSONNEL SERVICES  
STATE OF HAWAII

10.295

. . . . .  
.

Class Specifications  
for the Class:

BRIDGE MAINTENANCE SUPERVISOR I  
(BRIDGE MAINTENANCE SUPVR I)

Duties Summary:

Supervises a group of several Bridge Maintenance Workers in performing general maintenance work in the repair and upkeep of structural steel, reinforced concrete, and timber highway bridges and similar structures at heights and under water; supervises the repair and maintenance of buildings; and performs other related duties as assigned.

Distinguishing Characteristics:

This is the first level full supervisory class in the series.

This class differs from that of Bridge Maintenance Worker II in that the Bridge Maintenance Supervisor I plans, lays out and inspects the work of a group of several Bridge Maintenance Workers and perhaps other workers on a substantially full-time basis and only occasionally may perform bridge maintenance work tasks; whereas the Bridge Maintenance Worker II spends a majority of the work time in performing bridge maintenance work and, in addition supervises bridge maintenance crew members in the repair and maintenance of highway structures such as bridges and overpasses.

This class differs from that of Bridge Maintenance Supervisor II in that the Bridge Maintenance Supervisor I is the immediate supervisor of crews of Bridge Maintenance Workers and other semi-skilled workers, and is responsible for the overall maintenance of highway bridges in a county; whereas the Bridge Maintenance Supervisor II supervises through subordinate supervisors a large work force of Bridge Maintenance Workers and other semi-skilled workers, and is responsible for the overall maintenance of bridges in a county.

Examples of Duties:

Plans, organizes, assigns and reviews the work of several construction crews in maintaining and repairing structural steel, composite concrete and steel, reinforced concrete and timber highway bridges and similar structures; makes detailed inspections of the various component parts of structural steel, composite steel and concrete, reinforced concrete and timber highway bridges to locate areas needing maintenance or repair; determines kind, extent and priority of repairs needed; prepares and submits detailed cost estimates, and materials and equipment lists for bridge repairs and requisitions same; prepares and submits work and cost estimates for incorporation in the district's annual highway maintenance budget; occasionally conducts tests to determine the quality of anti-corrosive and rust-preventive formulas or paints; establishes work standards for bridge maintenance crews; conducts periodic meetings to inform the bridge maintenance crew members of safety practices and work methods; inspects public buildings, makes cost estimates of repairs needed and supervises the repairing of such buildings.

Minimum Qualification Requirements:

Experience and Training: Six (6) years of progressively responsible experience in construction and maintenance work, of which three years shall have been in bridge maintenance and repair work and of which three, one year shall have been in a supervisory capacity; or an equivalent combination of experience and training.

Knowledge of: Practices, methods, materials and tools used in bridge inspectional and maintenance work; steel welding and cutting equipment and its use; mixing and applying different types of paints to steel, concrete and wooden surfaces and methods and materials used to prepare such surfaces for painting; techniques of rigging, scaffolds, and other such equipment; hazards and safety precautions necessary in bridge maintenance work; principles and practices of supervision.

Ability to: Plan, lay out, assign and review the work of Bridge Maintenance Workers; inspect bridges to determine repairs needed and make cost estimates for making such

repairs; prepare comprehensive maintenance reports and maintenance budgets.

Physical and Medical Requirements:

Applicants must be physically able to perform, efficiently and effectively, the essential duties of the position which typically require the ability to read without strain printed material the size of typewritten characters, glasses permitted, and the ability to hear the conversational voice, with or without a hearing aid, or the ability to compensate satisfactorily. Handicaps in these or other areas will not automatically result in disqualification. Those applicants who demonstrate that they are capable of performing the essential functions of the position will not be disqualified under this section.

Any condition which would cause applicants to be a hazard to themselves or others is cause for disqualification.

Any disqualification under this section will be made only after a review of all pertinent information including the results of the medical examination, and requires the approval of the Director.

-----  
---

This is an amendment to the class specification for the class BRIDGE MAINTENANCE SUPERVISOR I approved on October 24, 1963.

DATE APPROVED: 1/22/85

/s/ Clement L. Kamalu  
for JAMES H. TAKUSHI  
Director of Personnel Services